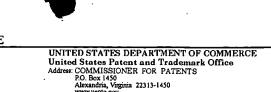


## United States Patent and Trademark Office



| APPLICATION NO.                                    | FILING DATE   | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO. |
|--|---------------|----------------------|-------------------------|------------------|
| 09/133,960   | 08/14/1998    | RAJIV V. JOSHI       | YO998-195-(7 7273       |                  |
| .759   | 90 06/26/2003 |                      |                         |                  |
| FRANK CHAU<br>1900 HEMPSTEAD TURNPIKE<br>SUITE 501 |               |                      | EXAMINER                |                  |
|  |               |                      | TRAN, HAI V             |                  |
| EAST MEADO   | W, NY 11554   |                      | ART UNIT PAPER NUMBER   |                  |
|  |               |                      | 2611                    | 4 -4             |
|  |               | •                    | DATE MAILED: 06/26/2003 | 17               |

Please find below and/or attached an Office communication concerning this application or proceeding.

| 11   | Application No. Applicant(s)   |   |  |  |  |
|--|--|---|--|--|--|
| Advisory Action  | 09/133,960   | JOSHI ET AL.  |  |  |  |
| ,  | Examiner   | Art Unit  |  |  |  |
|  | Hai Tran   | 2611  |  |  |  |
| The MAILING DATE of this communication appe  | ars on the cover sheet with the o  | orrespondence address   |  |  |  |
| THE REPLY FILED 03 June 2002 FAILS TO PLACE TH<br>Therefore, further action by the applicant is required to a<br>final rejection under 37 CFR 1.113 may only be either: ('<br>condition for allowance; (2) a timely filed Notice of Appe<br>Examination (RCE) in compliance with 37 CFR 1.114.   | evoid abandonment of this applied) a timely filed amendment whit all (with appeal fee); or (3) a time                    | cation. A proper reply to a ich places the application in                                     |  |  |  |
| PERIOD FOR RE  | EPLY [check either a) or b)]   |   |  |  |  |
| <ul> <li>a) The period for reply expires 3 months from the mailing date of</li> <li>b) The period for reply expires on: (1) the mailing date of this Adverse, the event, however, will the statutory period for reply expire later the ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f).</li> <li>Extensions of time may be obtained under 37 CFR 1.136(a). The date of the period for reply expire later the ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f).</li> </ul> | risory Action, or (2) the date set forth in th<br>an SIX MONTHS from the mailing date o<br>FILED WITHIN TWO MONTHS OF TH | f the final rejection.<br>E FINAL REJECTION. See MPEP   |  |  |  |
| have been filed is the date for purposes of determining the period of exten 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened (b) above, if checked. Any reply received by the Office later than three moteraned patent term adjustment. See 37 CFR 1.704(b).  | sion and the corresponding amount of the<br>I statutory period for reply originally set in                               | e fee. The appropriate extension fee under<br>the final Office action; or (2) as set forth in |  |  |  |
| 1 A Notice of Appeal was filed on Appellant' 37 CFR 1.192(a), or any extension thereof (37 CF  |  |   |  |  |  |
| 2. The proposed amendment(s) will not be entered b   | ecause:  |   |  |  |  |
| (a) They raise new issues that would require further consideration and/or search (see NOTE below);   |  |   |  |  |  |
| (b) they raise the issue of new matter (see Note below);   |  |   |  |  |  |
| (c) they are not deemed to place the application issues for appeal; and/or   | in better form for appeal by mat   | erially reducing or simplifying the   |  |  |  |
| (d) they present additional claims without cancel NOTE:  | ling a corresponding number of   | finally rejected claims.  |  |  |  |
| 3. Applicant's reply has overcome the following rejections.  | ction(s):  |   |  |  |  |
| 4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  |  |   |  |  |  |
| 5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for application in condition for allowance because: See   |  | sidered but does NOT place the  |  |  |  |
| 6. The affidavit or exhibit will NOT be considered be raised by the Examiner in the final rejection.   | · · · · · · · · · · · · · · · · · · ·  | to issues which were newly  |  |  |  |
| For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  |  |   |  |  |  |
| The status of the claim(s) is (or will be) as follows:   | •  |   |  |  |  |
| Claim(s) allowed:  |  |   |  |  |  |
| Claim(s) objected to:  | ·  |   |  |  |  |
| Claim(s) rejected: 1-44.   |  |   |  |  |  |
| Claim(s) withdrawn from consideration:   |  |   |  |  |  |
| 8. The proposed drawing correction filed on is   | a) approved or b) disap  | proved by the Examiner.   |  |  |  |
| 9. Note the attached Information Disclosure Stateme  | nt(s)( PTO-1449) Paper No(s).  | · .   |  |  |  |
| 10. Other:   |  | ANDREW FAILE  |  |  |  |
|  | SUF  | PERVISORY PATENT EXAMINER   |  |  |  |
|  |  | FECHNOLOGY CENTER 2600  |  |  |  |





Continuation of 5. does NOT place the application in condition for allowance because. Applicant merely argues claims 1, 32 and 36 that, "Yashuki does not disclose or suggest, a communication unit, which is connected to a television set, that has the claimed function and components" and does not specifically point out the error of the Office action. The Examiner again asserts that Krisberg in view of Yashuki meets the Applicant 's limitations in claims 1, 32 and 36.

Accordingly, Krisbergh shows a wireless information signal transfer (Col. 3, lines 17-27) and interactive television system (Col. 1, lines 60-Col. 2, lines 35) comprises:

At least a first communication unit (Fig. 1, element 54) operatively coupled to a television set (Fig. 1, element 56), having a central processing unit (Fig. 1, element 96), for generating at least one information signal ("the command input into the terminal 54 by the inputting device 58 wherein the terminal 54 generates a display signal "text/command signal" for display on the television set 56 such as on-line Chat sessions, URL for browsing through the information source... see Fig. 6, Col. 4, lines 51-65 and then the text/command signal is transmitted by an upstream transmitter 106 on an RF-modulated upstream channel 22 ...", Col. 4, lines 48-55) and for generating and displaying at least one display signal for display on the television set (by receiving a television program along with sequential portions of the "received information" inserted in the VBI at the terminal 54, the terminal 54 generates a television program display or extracts a "received information" from VBI, and then the terminal 54 displays the received TV programming or the received information on the television 56 respectively, see Col. 4, lines 36-65).

A wireless signal transfer network (Fig. 1, network 12; Col. 3, lines 17-27), operatively coupled to the at least a first communication unit (terminal 54), for wirelessly transferring signals including the at least one information signal;

At least a second communication unit (Fig. 1, element 36), operatively coupled to the wireless transfer network 12, for receiving the at least one information signal (Cable Headend 36 receives the inputted "command" on the upstream channel of the distribution network 12 Col. 4, lines 48-60);

A server (Fig.1, element 38), operatively coupled to the at least a second communication unit (Cable Headend 36), for processing the at least one information signal and providing data included in the information signal to a function network 60 (the Headend Server 38 receives the forwardind "command" from the Headend 36, then the Headend Server 38 transmits a command based on the forward "command" to the information source 60; Col. 4, lines 48-60).

Krisbergh does not clearly disclose a mass storage device, a signal combiner and displaying at least one display signal superimposed o a conventional television signal. However, Krisber's system suggests that the process of rendering screen for display by a screen renderer or the like is well known and need not to be further described here (Col. 7, lines 18-20).

Yasuki discloses a television terminal (Fig. 1) with a mass storage device 134, a signal combiner 116 and displaying at least one display signal superimposed on a conventional television signal (Fig. 4A-C; Col. 7, lines 58-Col.8, lines 27). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Krisbergh's system with a mass storage device, a signal combiner and displaying at least one display signal superimposed on a conventional television signal, as taught by Yasuki, so to provide a multi-function TV receiver which is capable of executing process related to objects which are transmitted in a accompany with TV signals and objects which are utilized in network including servers for improving utility value and achieving convenience (Col. 3, lines 15-20).